

*What is Claimed is:*

1. A variable speed electrical motor capable of operating at one of a plurality of discrete operating speeds, wherein the electrical circuitry for each speed includes both a start winding for only that speed and a start capacitor for only that speed.

2. An electrical motor combination comprising:

(a) a variable speed electrical motor capable of operating at one of a plurality of discrete operating speeds, wherein the electrical circuitry for each speed includes both a start winding for only that speed and a start capacitor for only that speed; and

(b) a switch for varying the speed of the motor, wherein the switch is disposed external of the motor housing.

3. The electrical motor combination of claim 2 wherein the switch is disposed within a separate switch box.

4. The electrical motor combination of claim 1 wherein the combination is disposed within a water recreational combination, the water recreational combination comprising:

(a) a water basin capable of retaining a human being partially submerged below a quantity of water;

(b) a water pump having a suction side and a discharged side; and

(c) water circulation conduits connecting the water basin to the suction side of the pump and connecting the discharge side of the pump to the water basin; wherein the electrical motor drives the water pump.

5. A water recreational combination comprising:

(a) a water basin capable of retaining a human being partially submerged below a quantity of water;

(b) a water pump having a suction side and a discharged side;

5 (c) water circulation conduits connecting the water basin to the suction side of the pump and connecting the discharge side of the pump to the water basin;

(d) a variable speed electrical AC induction motor for driving the water pump; and

10 (e) a switch for varying the speed of the rotor, wherein the switch is disposed external of the motor housing in a separate switch box.

6. The water recreational combination of claim 5 wherein the water basin, the pump, the electrical motor and the switch box are enclosed within a spa surround.